

# RESUME

## Md. Tarikul Islam

**Address:** F#3B, H#340, R#6, East Kajipara, Mirpur, Dhaka-1216, Bangladesh.

**Mobile :** +8801722589181

**Office Phone:** +8801711622613

**E-mail:** [sunshuvo@gmail.com](mailto:sunshuvo@gmail.com), [sunshuvo@facebook.com](mailto:sunshuvo@facebook.com)

**LinkedIn:** [bd.linkedin.com/in/sunshuvo](https://bd.linkedin.com/in/sunshuvo)



### Career Objective:

A career in *Telecommunication* as well as *Networking* with a goal oriented and knowledge based realm. Want to build career in a challenging position within progressive organization, employing and pertaining to utilize my experience, technical skills and creativity. To strive for excellence in the field of engineering with dedication, focus, proactive approach, positive attitude & passion. And to utilize my knowledge & skills in the best possible way to fulfillment of organization goal.

### Professional Summary:

Roll out of projects for Systems & Services Ltd., which is a joint major sub player in the field of local Telecommunication industry. They executed many Optical Communication projects for BTCL, Teletalk, BGB, Railway, GrameenPhone, Banglalink, DMP, BTV, BCSCCL, BSCCL, PGCB, etc.

I have extensive experience on installation & commissioning of Optical Transmission for DWDM, SDH & Internet equipment's. I also have good expertise in planning, installation, commissioning, acceptance test as well as O&M of DWDM, SDH & IP equipment's. Other hand, I have some basic experience of configuring Server on Linux like SIP, Syslog, Apache, DNS, XAMPP, etc.

### Special Qualification:

DWDM, SDH, Networking, TejasMUX(TJ100CPE,TJ100ME,TJ1100,TJ1270,TJ14XX,TJ1600C), Router(Cisco, Mikrotik, Juniper), Switch(Cisco, Mikrotik, Juniper, Raisecom, Dlink), NMS(The Dude, TejEMS, RaisecomNNM, NetBoss), Server(Asterisk, MariaDB, ERP, CRM, Hosting), VM.

### Employment History:

Total Year of Experience : 7.1 Year(s)

2. Assistant Manager (October 01, 2012 – Present)

Employee ID: E092

**Systems and Services Ltd. (SSL)**

Company Location: H # 40, R # 7B, Block # H, Banani, Dhaka – 1213.

**Key responsibilities:**

1. Planning of the project, that how the project will be implement
2. Survey project related site to make sure that the plan will be successful.
3. Topology planning of DWDM, SDH & IP equipment for different types of projects.
4. Commissioning of TJ100CPE-1600C, Switch (Cisco, Mikrotik, Raisecom, Juniper), Router (Cisco, Mikrotik, Juniper), Aggregation Eth-E1 Switch, Server etc.
5. Troubleshooting of Transmission Link & Equipment, Data Link & Equipment, etc.
6. NMS Server implementation for Tejas & others vendor's equipment.
7. Troubleshoot for after-sales maintenance.
8. Handle special technical requirement from customers.
9. Established & Maintain office ERP server.

**Project History:****12. Satellite TV Modulator - Under Maintenance**

Project Manager, Technical Planning and Implementation.

Major Equipment: Newtec M6100, USS0212 and Cisco C9300.

Responsibilities:

- I. Installation & Commissioning of modulator and IP switch.
- II. Testing and finalizing the TV uplink to satellite.

**11. BCS Academy LAN & WIFI – Under Maintenance**

Project Manager & Technical Planning & Designing

Major Equipment: Mikrotik CCR1036-12G-4S, cAP ac, CRS328-24P-4S+RM.

Responsibilities:

- I. Designing, Planning & Managing the Implementation of total Project.
- II. Installation and commissioning of the total network (100AP) for WIFI and LAN.
- III. IP Network Design and Implementation for the INMS of appx. 150 devices.

**10. INMS Dashboard - Under Maintenance**

Project Manager, Technical Planning & Implementation.

Major Equipment: NetBoss PM (INMS), Barco Display, IP OTDR, Server.

Responsibilities:

- I. Planning & Managing for the Implementation of total Project.
- II. INMS, ONMS & Display system installation & Commissioning.
- III. IP Network Design and Implementation for the INMS.

**9. BTCL DWDM Kuakata Link (SEA-ME-WE-5) – Under Maintenance**

Project Manager, Technical Planning & Implementation.

Major Equipment: Tejas TJ1600-11, TJ1600-6, Tejas MDU and Delta Rectifier.

Responsibilities:

- I. Planning & Managing for the Implementation of total Project.
- II. Commissioning of the DWDM equipment for Services.
- III. IP Network Design and Implementation for the NMS of DWDM Node.
- IV. Troubleshoot for after-sales maintenance.

**8. 1000Union-Package 5 (Digital Bangladesh Project Announced by PM)–Under Maintenance**

Project Manager, Technical Planning & Implementation.

Major Equipment: Tejas TJ1600C, TJ1420 and Delta Rectifier.

Responsibilities:

- I. Planning & Managing for the Implementation of total Project.
- II. Commissioning of the 200 SDH equipment for Services.
- III. IP Network Design and Implementation for the NMS of 400 SDH Node.
- IV. Troubleshoot for after-sales maintenance.

**7. WIFI (Tungipara Bangabandhu Mazar) - Closed Project**

Project Manager, Technical Planning, Implementation & Maintenance.

Major Equipment: Mikrotik RB2011, RB953ui-2HnD & NanoStation2.

Responsibilities:

- I. Technical Planning & Implementation.
- II. Configurations all of the Devices.
- III. Managing total project.

**6. BTV Coder-Decoder Turnkey Basis – Under Maintenance**

Project Manager, Technical Planning, Implementation & Maintenance.

Major Equipment: Tejas MUX-TJ1420, TJ1270, Rudraksha Coder & Decoder

Responsibilities:

- I. Survey & planning of the project.
- II. Installation & Commissioning of Tejas MUX, Coder & Decoder.
- IV. Installation & Configure IBM Server for Tejas NMS & Solarwinds.
- V. Troubleshoot for after-sales maintenance.

**5. SASEC (South Asia Subregional Economic Cooperation by ADB) - Closed Project**

Project Manager, Technical Planning, Implementation &amp; Maintenance.

Major Equipment: Tejas MUX-TJ1600C, Juniper MX480, EX4200, IBM x3650M3.

Responsibilities:

- I. Panning & Survey of the project.
- II. Installation & Commissioning of Tejas MUX.
- III. Installation & Commissioning of Juniper MX480 & EX4200.
- IV. Configure Tejas NMS, SIP, Syslog, Radius, NTP, TFTP, DNS & Solarwinds.
- V. Troubleshoot for after-sales maintenance.

**4. IP-based POC for BRTS Modernization Project (Bangladesh Railway)–Under Maintenance**

Project Manager, RND, Technical Planning, Implementation &amp; Maintenance.

Major Equipment: Mikrotik RB2011, AH1100X2, VOSCOM, IP Phone(GrandStream).

RND On: Railway signaling equipment Neales Ball Tablet Token. Communication

Media of these devices planning to upgrade to Fiber from Copper.

Responsibilities:

- I. Demanded circuit design for CBI over Fiber.
- II. Network Planning for the IP Phone of 89 Station (BR)
- III. Mikrotik RB2100 & Phone Configuration for 89 Station (BR).
- IV. Troubleshoot for after-sales maintenance.

**3. DMP IP Camera Project - Closed Project**

Engineer, Implementation &amp; Maintenance.

Major Equipment: Raisecom Ethernet Switch, E1 Switch &amp; E1 Converter.

Responsibilities:

- I. Configure Ethernet switches & E1 switches
- II. Devices IP Planning for the NMS Server.
- III. Raisecom NMS installation & observation.
- IV. Troubleshooting during installation.

**2. Converter Project (Completion Project for 100 Union Project) - Closed Project**

Project Manager, Implementation &amp; Maintenance.

Major Equipment: Raisecom - Switch, Ethernet-E1 Converter.

Responsibilities:

- I. Planning for the installation
- II. Devices IP Planning for the NMS Server.
- III. Switch & Converter Installation.
- IV. Configuration of switches, converter & MUX.
- V. Troubleshooting & problem-solving.
- VI. Troubleshoot for after-sales maintenance.

**1. 100Union Project (Digital Bangladesh Project announced by PM) - Closed Project**

Engineer, Maintenance.

Major Equipment: Tejas MUX-TJ100ME, TJ1100 &amp; Delta Rectifier.

Responsibilities:

- I. Commissioning of the Tejas Multiplexer for services
- II. Troubleshooting & Solution of Troubles.
- III. Repair faulty items.
- IV. Troubleshoot for after-sales maintenance.

**1. Sales Engineer (September 01, 2010 – September 31, 2012)****MM Corporation (Oriental Agencies)**

Company Location: House# 429, Road# 30, New DOHS Mohakhali, Dhaka-1212.

**Key Responsibilities:**

1. Searching the Manufacturer of Power Equipment over Internet.
2. Sourcing for the equipment from the customer demand.

3. Communicate with Manufactures.
4. Verify product Specification with requirement, which provided by Manufacturer.
5. Prepare Tender documents.

**Academic Qualification:**

Exam Title	Subject	Major/ Minor	Institute	Result	Pass Year
MBA	Business Administration	Finance (Planned)	Bangladesh University of Professionals	Perusing CGPA: 3.83	2020
B. Sc.	Electrical & Electronic Engineering	Power/ Electronics	Stamford University Bangladesh.	CGPA: 3.79 out of 4.00	2011
H.S.C	Science	Mathematics/ Biology	Chuadanga Govt. College, Chuadanga.	GPA: 3.80 out of 5.00	2007
S.S.C	Science	Science/ Agricultural	V. J. Govt. High School, Chuadanga.	GPA: 3.94 out of 5.00	2005

**Major Academic Course:**

- Solid State Device • Microprocessor & Interfacing • Digital Signal Processing (DSP) • Digital Logic & Circuit Design • VLSI • Power Electronics • Power System • Power System Operation, Control & Protection • Control System • Power Plant Engineering •

**Local Training Summary:**

Training Title	Topic	Institute	Location	Duration
NEC Onsite Training	Analog/Digital VHF Dual Cast TV Transmitter System	Bangladesh Television	B. Baria TV Station	5 Days
CCNA Exploration Version 4.0	Network Fundamental, Routing Protocols & Concept, LAN Switching & Wireless, Accessing the WAN	American International University of Bangladesh.	Dhaka	96 Hours
Industrial Attachment	Cable Manufacturing	Poly Cable Industries Ltd.	Monshiganj, Dhaka	1 Days
Industrial Attachment	Substation, Generator, Turbine, Boiler, Water Pump & Treatment.	Ghorashal Thermal Power Station	BPDB, Palash, Narsingdi.	20 Days
PLC Programming	Microcontroller	Stamford University Bangladesh	Dhaka	3 Months

**Foreign Training Summary:**

Training On	Institute	Location	From	To
Training on DWDM, GPON & MPLS	Tejas Networks Limited	Salt Lake, Kolkata, India	29.10.18	09.11.18
Large Display Installation, Operation & Maintenance	Barco Electronic Systems Private Limited	Noida, Uttar Pradesh, India	17.04.17	21.04.17
Operation, Maintenance of SDH and SONET	Tejas Networks Limited	Bangaluru, Karnataka, India.	19.01.15	23.01.15

**Fields of Specialization:**

• Telecommunication • SDH & DWDM Equipment's • LAN/WAN • IT System Management • Gigabit Network • Cisco • Mikrotik • Programming • Electronics

**Computer Skill:**

• MS Office, MS Excel, MS Project, Outlook, Photoshop, Illustrator, AutoCAD, etc.  
 • Programming language: C/C++, Math Lab, PSpice, DSCH, Microwind, Quartus II, Python, PHP, HTML, CSS.  
 • Operating Systems: WIN98/XP/WIN7/WIN10/RHEL/CentOS/Zentyal/Raspbian

**Extra-Curricular Activities:**

• Freelancing • Coding • Web-Software • Mobile App • Electronics • Googling • YouTube

**Language Proficiency:**

<u>Language</u>	<u>Reading</u>	<u>Writing</u>	<u>Speaking</u>
English	High	Medium	Medium
Bangla	High	High	High

**Personal Details:**

Father's Name	: Md. Abdul Muttalib	Gender	: Male
Mother's Name	: Mst. Rahima Begum	Marital Status	: Married
Date of Birth	: December 30, 1990	Nationality	: Bangladeshi
National ID No.	: <del>199018223090000004</del> , 1006008765 (Smart)	Religion	: Muslim – Sunni
Passport No.	: <del>AF8483053</del> , BW0599594		
Permanent Address	: Islam Pharmacy, Hospital Road, Chuadanga, Khulna.		
Current Location	: F#3B, H#340, R#6, East Kajipara, Mirpur, Dhaka-1216.		

**Reference (s):**

Name	: <b>Pallab Kumar Das</b>	<b>Tauhidur Rahman</b>
Organization	: Tejas Networks	GAZI Communications Ltd.
Designation	: Senior Engineer - NSG	Manager
Address	: H # 40, R # 7B, Block # H, Banani, Dhaka – 1213, Bangladesh.	37/2, Purana Paltan, Dhaka-1000, Bangladesh.
Mobile	: <a href="tel:+8801939900201">+8801939900201</a>	<a href="tel:+8801717137996">+8801717137996</a>
E-Mail	: <a href="mailto:pallab@india.tejasnetworks.com">pallab@india.tejasnetworks.com</a>	<a href="mailto:tauhid_eee@yahoo.com">tauhid_eee@yahoo.com</a>
Relation	: Professional	Professional

**Declaration:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available, as and when necessary, to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.


**Md. Tarikul Islam**